

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 7: B68G 9/00, A47C 27/06

A1

(11) International Publication Number:

WO 00/55088

(43) International Publication Date: 21 September 2000 (21.09.00)

(21) International Application Number:

PCT/GB00/00917

(22) International Filing Date:

13 March 2000 (13.03.00)

(30) Priority Data:

9905964.4

17 March 1999 (17.03.99)

GB

(71) Applicant (for all designated States except US): SPRING-FORM TECHNOLOGY LIMITED [GB/GB]; Wellington Street, Long Eaton, Nottingham NG10 4HT (GB).

(72) Inventor; and

200

ķ

(75) Inventor/Applicant (for US only): WHITWORTH, Ian, James [GB/GB]; 154 Crich Lane, Belper, Derbyshire DE56 1EP

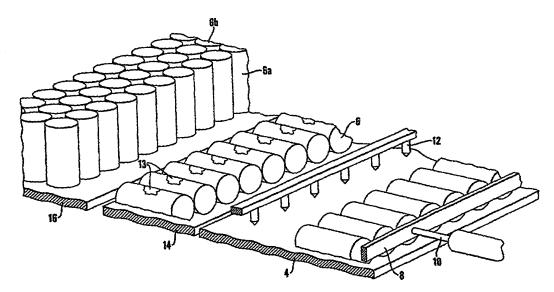
(74) Agent: JONES, Stephen, Anthony; Lewis & Taylor, 49 Stoney Street, Nottingham NG1 1LX (GB).

(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published

With international search report.

(54) Title: METHOD AND APPARATUS FOR MANUFACTURING INNERSPRING ASSEMBLIES



(57) Abstract

A method for the manufacture of an innerspring assembly, suitable for a mattress, cushion or the like, comprises the steps of a) positioning a first string (6) of pocketed coil springs in juxtaposition with a plurality of adhesive applicators (12) disposed in mutually fixed relation on an axis parallel to a longitudinal axis of said first string (6), b) applying adhesive from said adhesive applicators (12) to said first string (6) of pocketed coil springs, and c) bringing said first string (6) into adhesive contact with a second string (6a) of pocketed coil springs. Apparatus for carrying out the method is also disclosed, as are innerspring assemblies produced by the method.